**CRUD matrix**

**There will be 3 CRUD matrix table for 3 subsystems, because we didn’t do a child diagram for the notification subsystem**

**Module 1:**

|  |  |  |
| --- | --- | --- |
| **Activity** | **Facility information database** | **Student record database** |
| Check availability | R |  |
| Make reservation |  |  |
| Validate student information |  | R |
| Confirm reservation |  |  |
| Make slip |  |  |
| Update facility records |  | CUD |

|  |  |
| --- | --- |
| **Activity** | **Attendees list** |
| Send notification to students |  |
| Register for events |  |
| Validate student information |  |
| Update attendees record | CRUD |
| Generate attendees slip |  |

**Module 2:**

**Module 3:**

|  |  |
| --- | --- |
| **Activity** | **Student record database** |
| Validate student information |  |
| Enroll student for a specific faculty |  |
| Confirm student enrollment |  |
| Store new student information | C |
| Register for courses |  |
| Check course availability |  |
| Confirm registration for courses |  |
| Update student record | UD |
| Drop course request |  |